

Pushable Outdoor MDPE single fiber tight buffer low friction drop cable



- Offers maximum efficiency when used in duct sizes ranging from 1/8" (6mm) to 3/8" (10mm) inner diameter
- Pushable up to 500ft (150m) by hand without the assistance of air, and up to nearly 1970ft (600m) with air
- Flexible, yet stiff construction of the fluted outer jacket allows speedy installation with and without the use of air

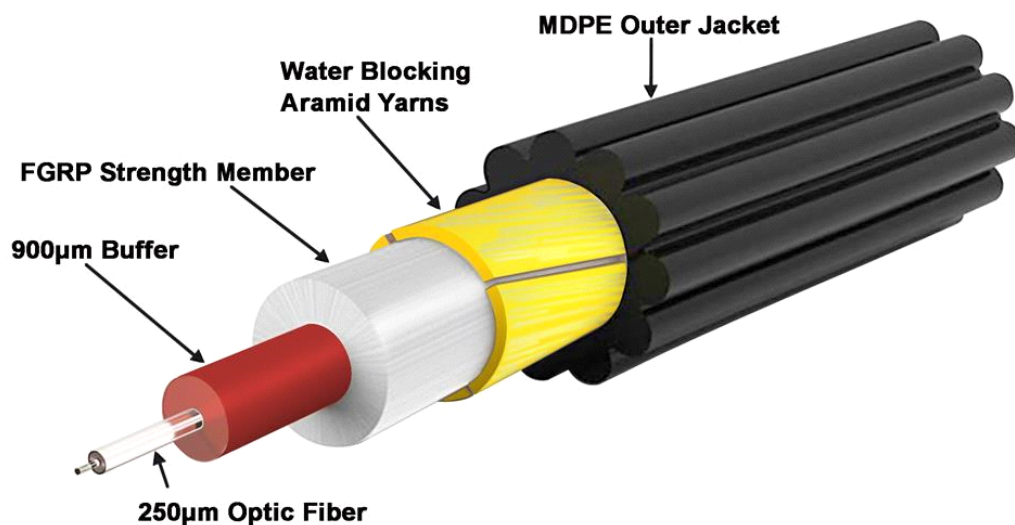
Product Classification

Portfolio	NETCONNECT®
Product Type	Fiber drop cable
Regional Availability	Asia Australia/New Zealand EMEA North America

Standards And Qualifications

Cable Qualification Standards	ANSI/ICEA S-104-696 IEC 60794-1-2 Telcordia GR-20
--------------------------------------	---

Representative Image



General Specifications

Cable Type	Tight buffer
Construction Type	Non-armored

Construction Materials

Total Fiber Count	1
Fiber Type	G.657.A2
Fibers per Subunit, quantity	1
Inner Jacket Color	Red
Jacket Color	Black
Jacket UV Resistance	UV stabilized

Dimensions

Buffer Tube/Subunit Diameter	0.90 mm 0.04 in
Cable Length	1524 m 5000 ft
Cable Weight	14.0 kg/km
Diameter Over Jacket	3.50 mm 0.14 in

Physical Specifications

Minimum Bend Radius, loaded	75.0 mm 3.0 in
Tensile Load, long term, maximum	295 N 66 lbf
Tensile Load, short term, maximum	850 N 191 lbf

Environmental Specifications

Environmental Space	Air-blown, microduct
Installation Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)

Mechanical Test Specifications

Compression	220 N•m
Compression Test Method	FOTP-41
Flex	25 cycles
Flex Test Method	FOTP-104
Impact	2.90 N-m 2.14 ft lb
Impact Test Method	FOTP-25
Strain	See long and short term tensile loads
Strain Test Method	FOTP-33
Twist	10 cycles
Twist Test Method	FOTP-85

Regulatory Compliance/Certifications

Agency
RoHS 2011/65/EU

Classification
Compliant



Included Products

CS-8G-TB (Product Component—not orderable) — Enhanced Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber (ITU-T G.657.A2, B2)

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable